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NEWS 7 MAY 30 DGENE, PCTGEN, and USGENE enhanced with new homology
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NEWS 8 JUN 06 EPFULL enhanced with 260,000 English abstracts
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NEWS 24 AUG 15 CAPLUS currency for Korean patents enhanced
NEWS 25 AUG 25 CA/CAPLUS, CASREACT, and IFI and USPAT databases
enhanced for more flexible patent number searching
NEWS 26 AUG 27 CAS definition of basic patents expanded to ensure
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information

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:52:15 ON 03 SEP 2008

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

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STRUCTURE FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1
DICTIONARY FILE UPDATES: 2 SEP 2008 HIGHEST RN 1045894-64-1

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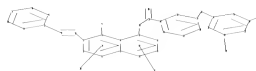
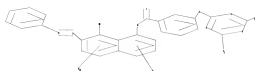
TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

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<http://www.cas.org/support/stngen/stdoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10585231a.str



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chain nodes :
11 12 13 14 15 16 23 30 31 42 43
ring nodes :
1 2 3 4 5 6 7 8 9 10 17 18 19 20 21 22 24 25 26 27 28 29 32
33 34 35 36 37
chain bonds :
2-30 3-12 7-11 11-15 15-16 15-17 19-23 23-24 26-42 28-43 30-31 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37
exact/norm bonds :
2-30 3-12 7-11 11-15 15-16 19-23 23-24 26-42 28-43 30-31 31-32
exact bonds :
15-17
normalized bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-10 7-8 8-9 9-10 17-18 17-22 18-19 19-20
20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29 32-33 32-37 33-34 34-35
35-36 36-37

```

isolated ring systems :
containing 1 : 17 : 24 :

G1:S,N,OH

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:Atom
19:Atom 20:Atom 21:Atom 22:Atom 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:Atom 30:CLASS 31:CLASS 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 39:Atom 40:Atom 42:CLASS 43:CLASS

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:52:54 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 45 TO ITERATE

100.0% PROCESSED 45 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 498 TO 1302
PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 11:52:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1055 TO ITERATE

100.0% PROCESSED 1055 ITERATIONS 104 ANSWERS
SEARCH TIME: 00.00.01

L3 104 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	178.36	178.57

FILE 'CAPLUS' ENTERED AT 11:53:04 ON 03 SEP 2008
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FILE COVERS 1907 - 3 Sep 2008 VOL 149 ISS 10
FILE LAST UPDATED: 2 Sep 2008 (20080902/ED)

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Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

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=> s l3 full

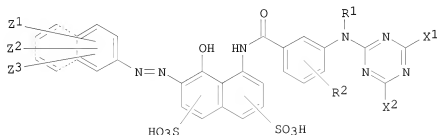
L4 4 L3

=> d ibib abs hitstr tot

L4 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:732716 CAPLUS
 DOCUMENT NUMBER: 143:174705
 TITLE: Acidic monoazo dyestuffs for printing recording materials, dyeing textiles and plastics
 INVENTOR(S): Hasemann, Ludwig
 PATENT ASSIGNEE(S): Clariant International Ltd., Switz.; Clariant Finance BVI Limited
 SOURCE: PCT Int. Appl., 54 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005073323	A1	20050811	WO 2004-IB4292	20041223
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CN 1902284	A	20070124	CN 2004-80039763	20041223
BR 2004018325	A	20070502	BR 2004-18325	20041223
JP 2007518852	T	20070712	JP 2006-546399	20041223
EP 1704187	A1	20060927	EP 2004-821240	20041229
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LT, LU, NL, SE, MC, PT, IE, SI, LT, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, IS				
US 20070151479	A1	20070705	US 2006-585231	20060630
PRIORITY APPLN. INFO.:			EP 2004-57	A 20040105
			WO 2004-IB4292	W 20041223

OTHER SOURCE(S): MARPAT 143:174705
 GI



I

AB Disclosed are novel dyestuff of the formula (I): wherein R₁ is H, C1-4 alkyl, Ph; R₂ is H, C1-4 alkyl, C1-4 alkoxy, COOH, COOCH₃, CF₃, SO₃H, CN or SO₂NHR₆ (R₆ is H, C1-4 alkyl, or Ph); X₁ and X₂ are NR₃R₄, SR₅, or OH; Z₁ is H, C1-4 alkyl, C1-4 alkoxy, OH, COOH, COOCH₃, CF₃, SO₃H, amino, alkylamino, CN or SO₂NHR₆ (R₆ is H, C1-4 alkyl, Ph); Z₂ is H, C1-4 alkyl, C1-4 alkoxy, OH, COOH, SO₃H; Z₃ is C1-4 alkyl, C1-4 alkoxy, OH, COOH, SO₃H as free acid or in salt form, as well as mixts. thereof. These

dyestuffs are useful for printing or dyeing substrates, especially textile fiber

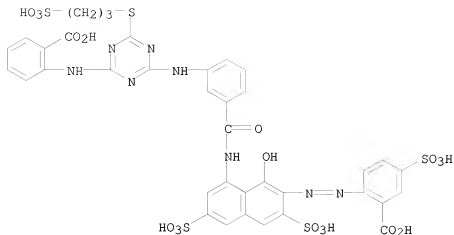
materials, paper and papery substrates and plastic films and plastic transparencies.

IT 861216-74-2P 861216-77-5P 861216-79-7P
861216-80-0P 861216-81-1P 861216-84-4P
861216-85-5P 861216-86-6P 861216-87-7P
861216-88-8P 861216-89-9P 861216-90-2P
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861217-99-4P 861218-00-0P 861218-01-1P
861218-02-2P

RL: IMF (Industrial manufacture); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(dark red dye; preparation of acidic monoazo dyestuffs for ink-jet inks and dyeing textiles and plastics)

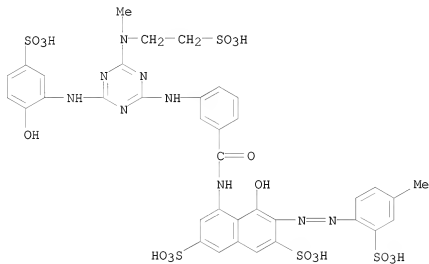
RN 861216-74-2 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfo-
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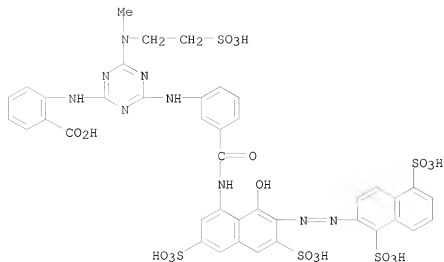
RN 861216-77-5 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[[4-(2-hydroxy-5-sulfoethyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(4-methyl-2-sulfoethyl)diazenyl]- (CA INDEX NAME)



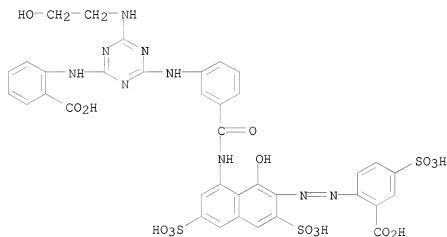
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CN Benzoic acid, 2-[[[4-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



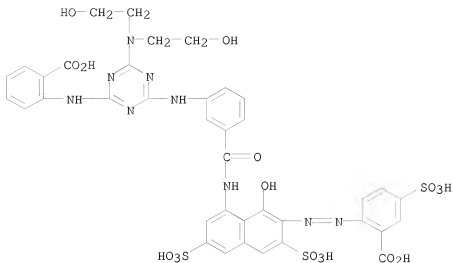
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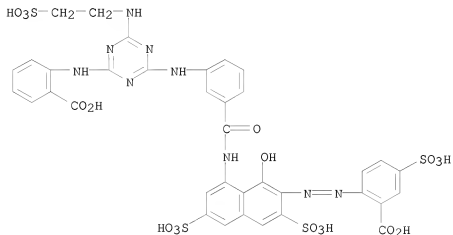


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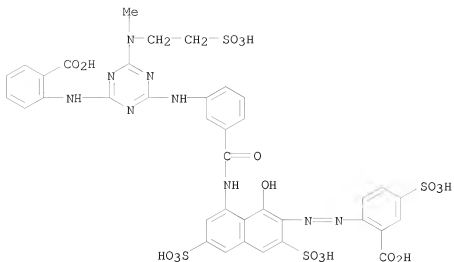
CN Benzoic acid, 2-[2-[8-[[3-[[4-[bis(2-hydroxyethyl)amino]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



RN 861216-84-4 CAPLUS
 CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)

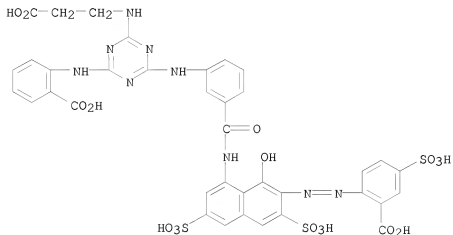


RN 861216-85-5 CAPLUS
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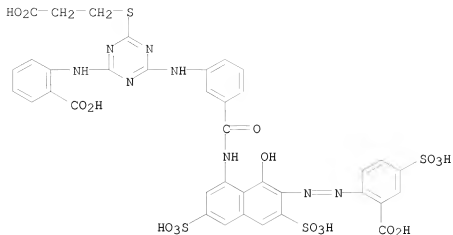
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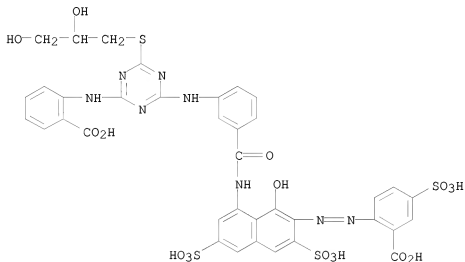
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CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



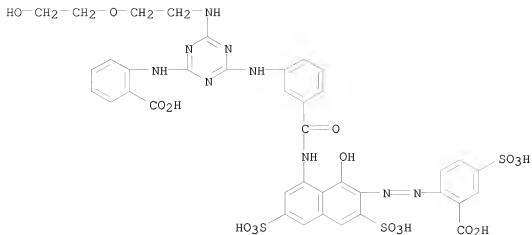
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CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2,3-dihydroxypropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



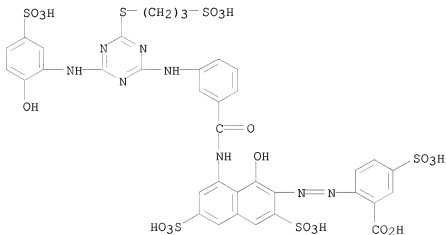
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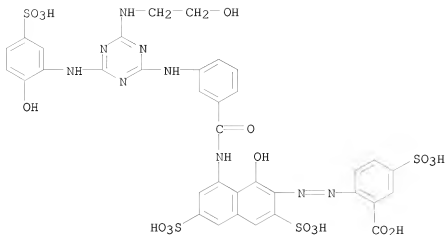
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CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



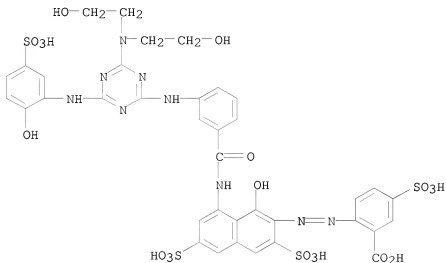
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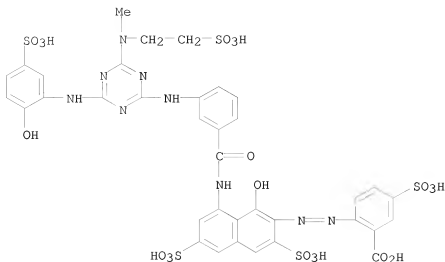
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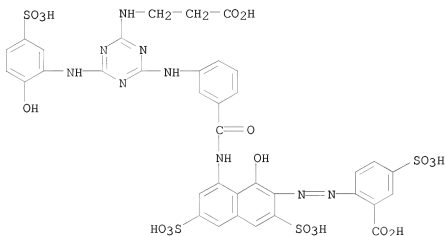


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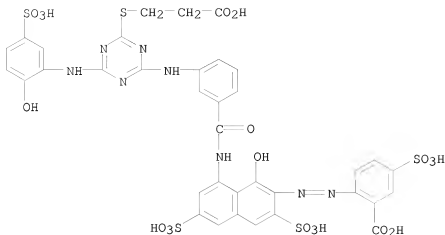
CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



RN 861216-95-7 CAPLUS
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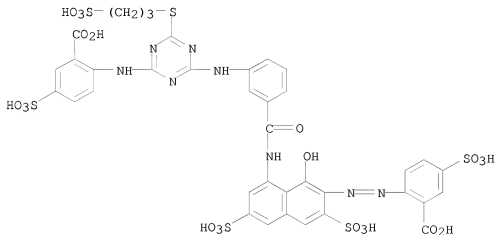


RN 861216-96-8 CAPLUS
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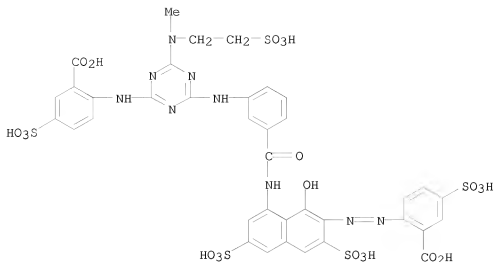
RN 861216-97-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



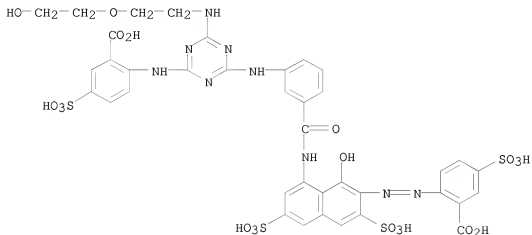
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CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxy-4-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-sulfo- (CA INDEX NAME)



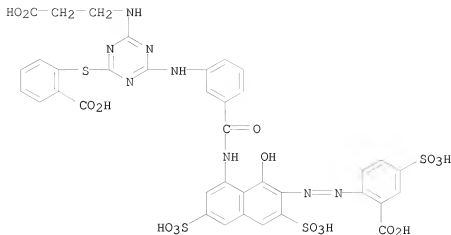
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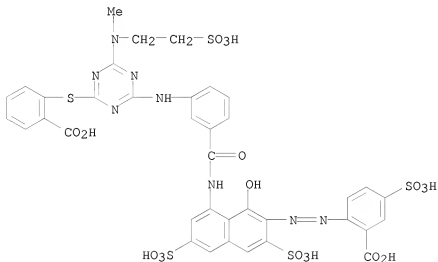
RN 861217-01-8 CAPLUS

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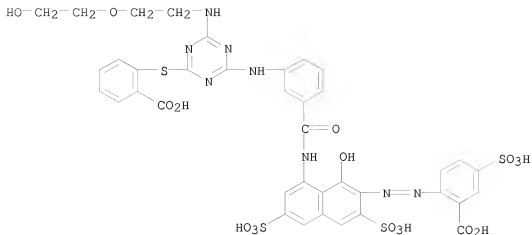
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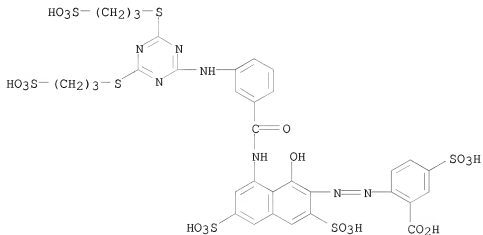
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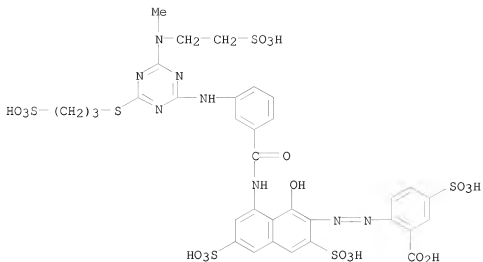
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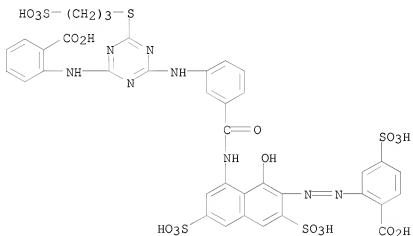
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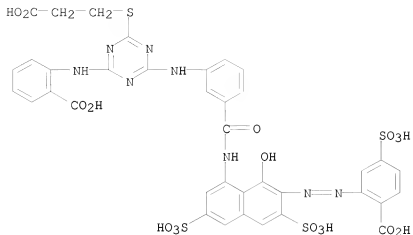
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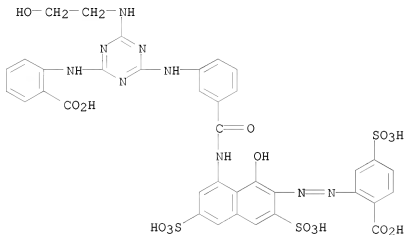
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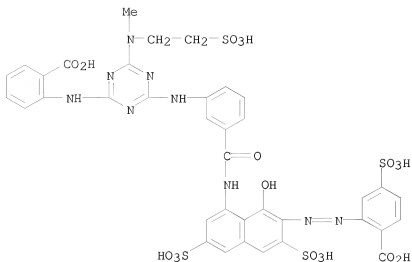
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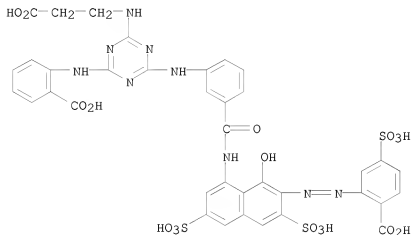


RN 861217-11-0 CAPLUS

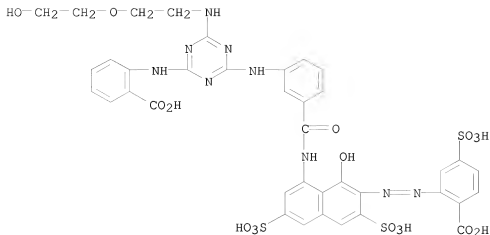
CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



RN 861217-12-1 CAPLUS
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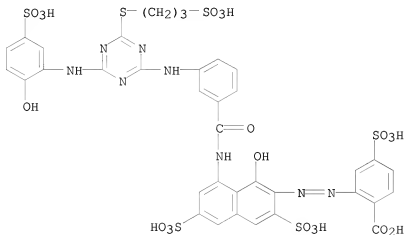


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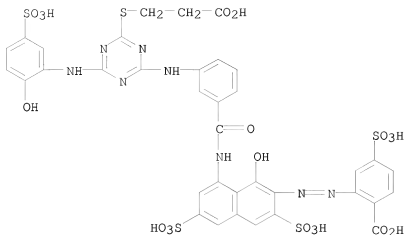
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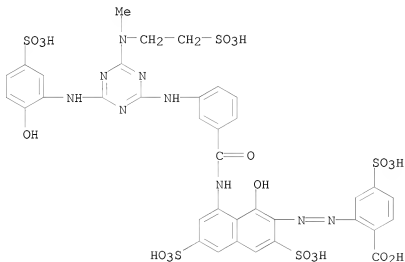
RN 861217-15-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-hydroxy-5-sulfohenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



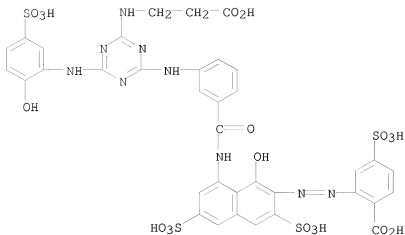
RN 861217-17-6 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



RN 861217-18-7 CAPLUS

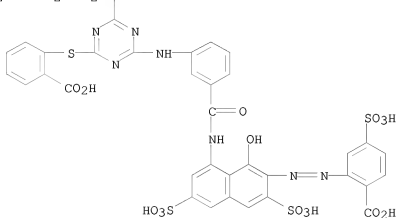
CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



RN 861217-19-8 CAPLUS

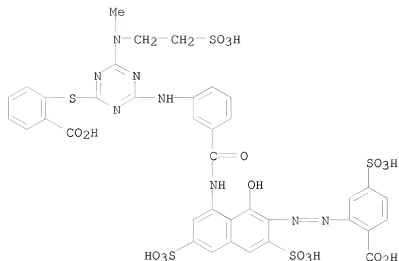
CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[[2-(2-hydroxyethoxy)ethyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazanyl]-4-sulfo- (CA INDEX NAME)

HO-CH₂-CH₂-O-CH₂-CH₂-NH

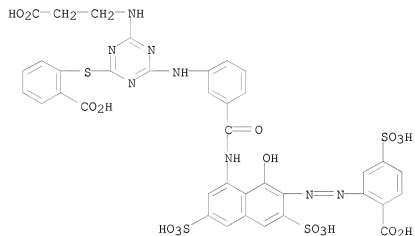


RN 861217-20-1 CAPLUS

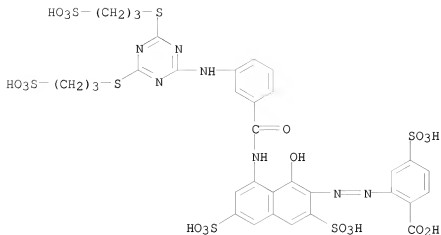
CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)thio]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazanyl]-4-sulfo- (CA INDEX NAME)



RN 861217-21-2 CAPLUS
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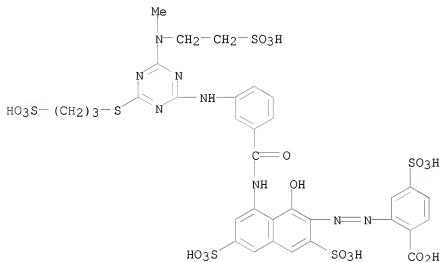


RN 861217-23-4 CAPLUS
 CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-4-sulfo- (CA INDEX NAME)



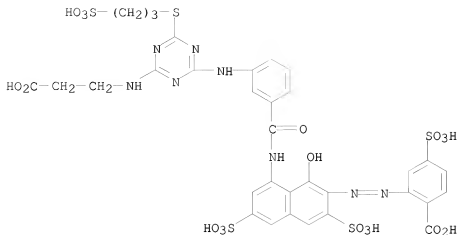
RN 861217-24-5 CAPLUS

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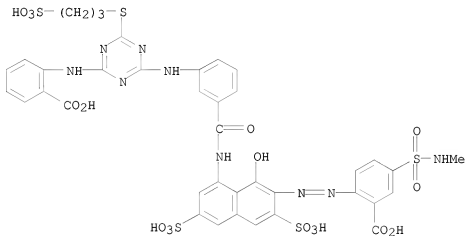
RN 861217-25-6 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazonyl]-4-sulfo- (CA INDEX NAME)



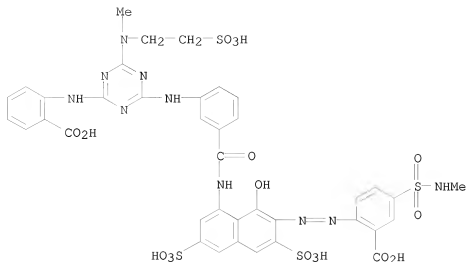
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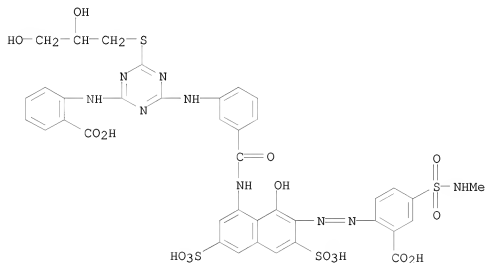


RN 861217-29-0 CAPLUS

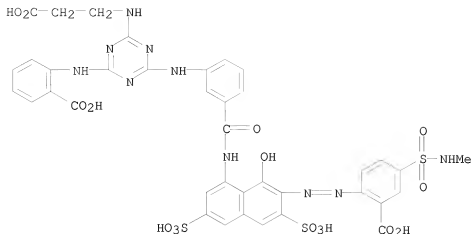
CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



RN 861217-30-3 CAPLUS
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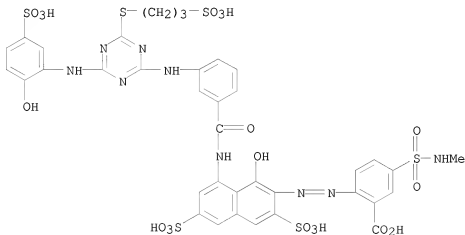


RN 861217-31-4 CAPLUS
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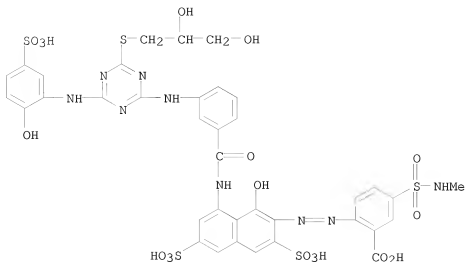
RN 861217-32-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-
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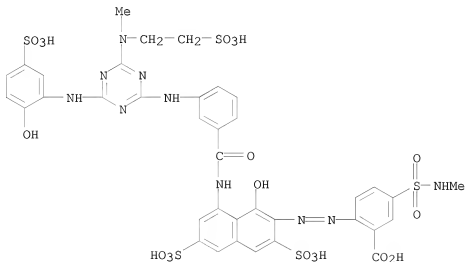


RN 861217-33-6 CAPLUS

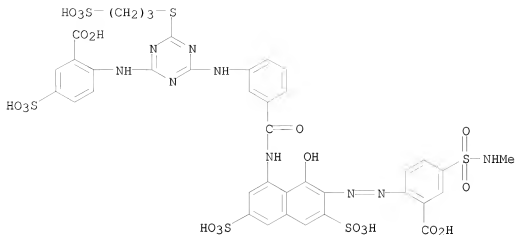
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RN 861217-35-8 CAPLUS
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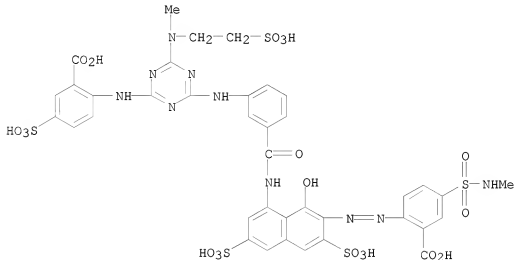


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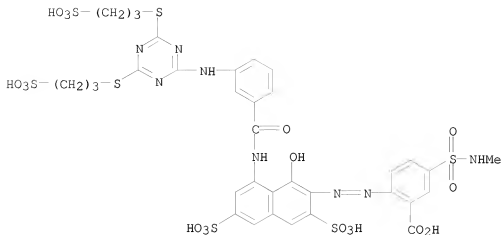
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CN Benzoic acid, 2-[[4-[[3-[[[7-[2-[2-carboxy-4-[(methylamino)sulfonyl]phenyl]diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-5-sulfo- (CA INDEX NAME)



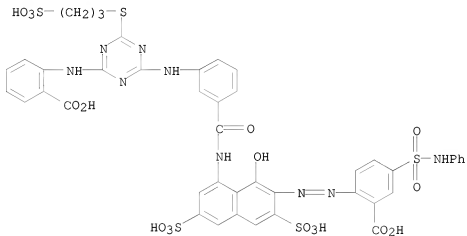
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CN Benzoic acid, 2-[2-[8-[[3-[[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(methylamino)sulfonyl]- (CA INDEX NAME)



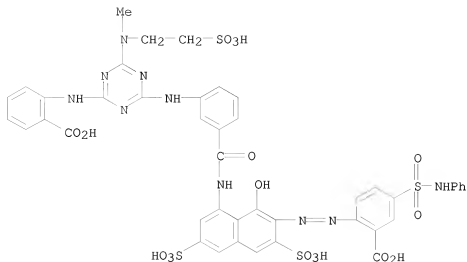
RN 861217-40-5 CAPLUS

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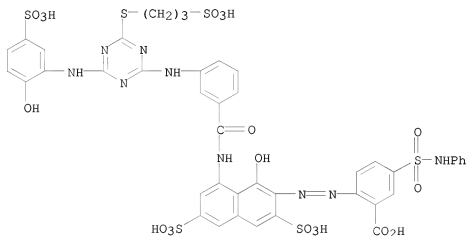
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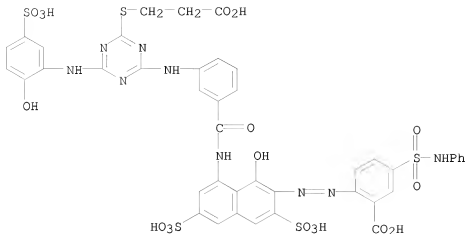
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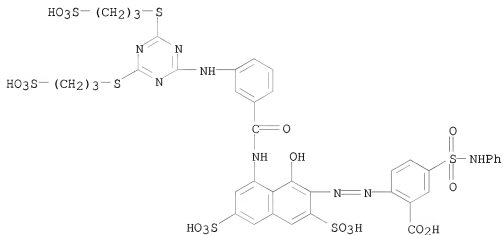
RN 861217-44-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-hydroxy-5-sulfo-phenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



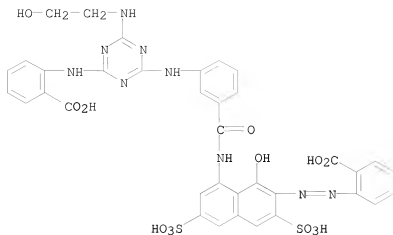
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CN Benzoic acid, 2-[2-[8-[[3-[[4,6-bis[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]-5-[(phenylamino)sulfonyl]- (CA INDEX NAME)



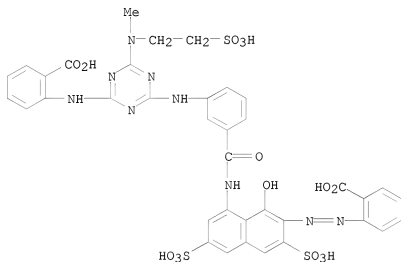
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CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2-hydroxyethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



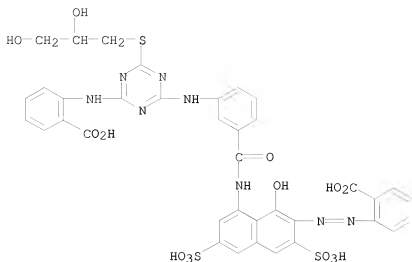
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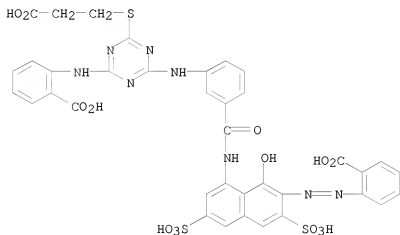
RN 861217-49-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(2,3-dihydroxypropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazanyl]- (CA INDEX NAME)



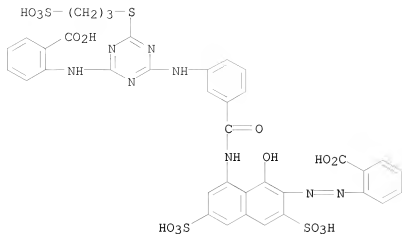
RN 861217-50-7 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyethyl)thio]-6-[(2-carboxyphenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



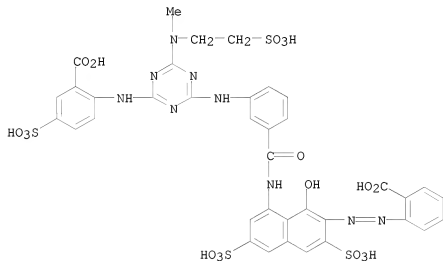
RN 861217-52-9 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



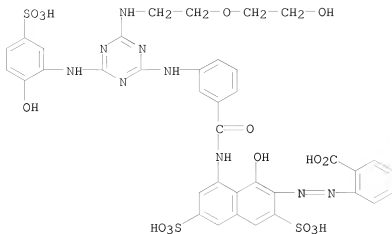
RN 861217-54-1 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(2-carboxyphenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]-5-sulfo- (CA INDEX NAME)



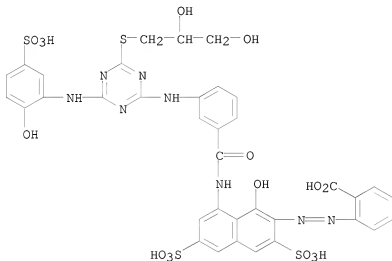
RN 861217-56-3 CAPLUS

CN Benzoic acid, 2-[[2-[1-hydroxy-8-[[3-[[[4-[[2-(2-hydroxyethoxy)ethyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



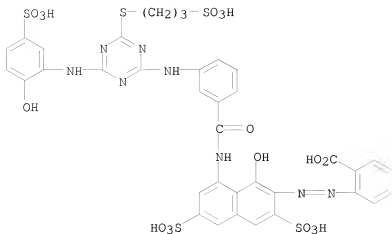
RN 861217-57-4 CAPLUS

CN Benzoic acid, 2-[2-[8-[[3-[[4-[(2,3-dihydroxypropyl)thio]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



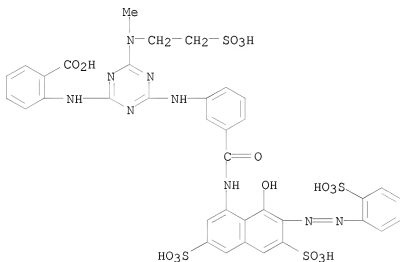
RN 861217-58-5 CAPLUS

CN Benzoic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



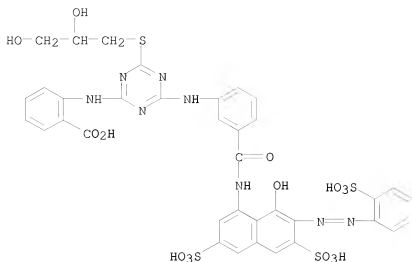
RN 861217-60-9 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfoethyl)amino]diazanyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

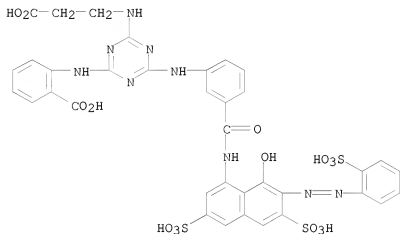


RN 861217-62-1 CAPLUS

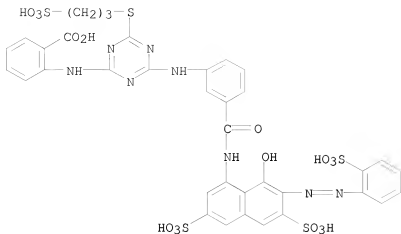
CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfoethyl)amino]diazanyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



RN 861217-63-2 CAPLUS
 CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

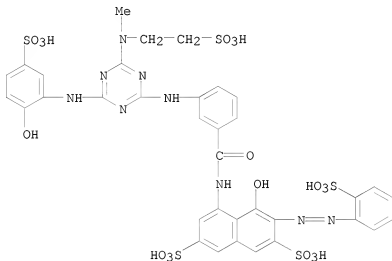


RN 861217-66-5 CAPLUS
 CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



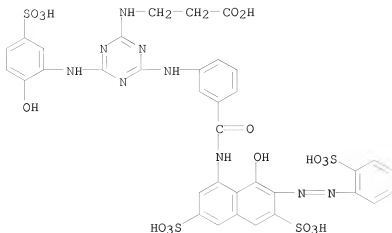
RN 861217-68-7 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2-sulfophenyl)diazenyl]- (CA INDEX NAME)



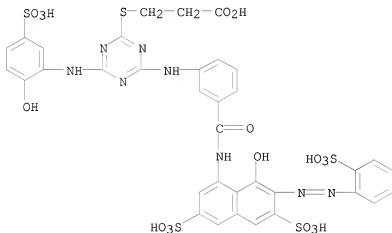
RN 861217-69-8 CAPLUS

CN β -Alanine, N-[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(2-sulfophenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



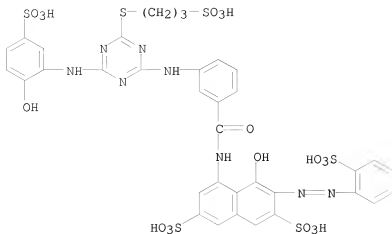
RN 861217-70-1 CAPLUS

CN Propanoic acid, 3-[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(2-sulfophenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]thio]- (CA INDEX NAME)



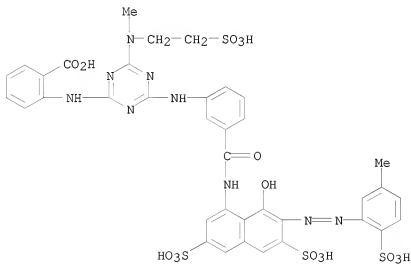
RN 861217-71-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(2-sulfophenyl)diazenyl]- (CA INDEX NAME)



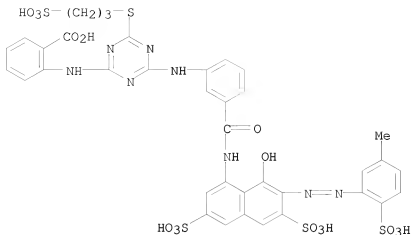
RN 861217-72-3 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methyl-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



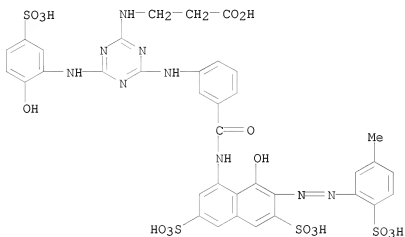
RN 861217-74-5 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methyl-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



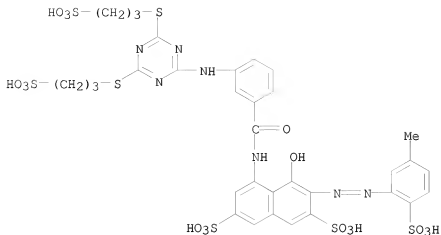
RN 861217-76-7 CAPLUS

CN β -Alanine, N-[4-[[[3-[[[8-hydroxy-7-[(5-methyl-2-sulphophenyl)azo]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulphophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



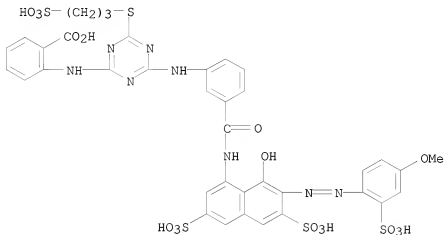
RN 861217-77-8 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[[3-[[[4,6-bis[(3-sulfo-3-propylthio)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-4-hydroxy-3-[2-(5-methyl-2-sulphophenyl)diazenyl]- (CA INDEX NAME)



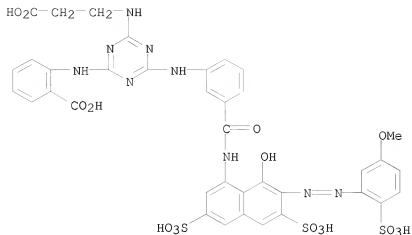
RN 861217-78-9 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(4-methoxy-2-sulphophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



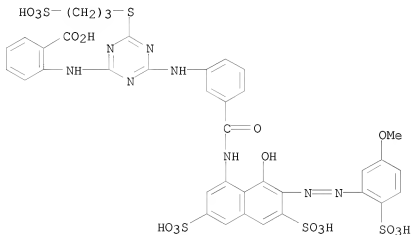
RN 861217-79-0 CAPLUS

CN Benzoic acid, 2-[[4-[[2-carboxyethyl]amino]-6-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulphophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



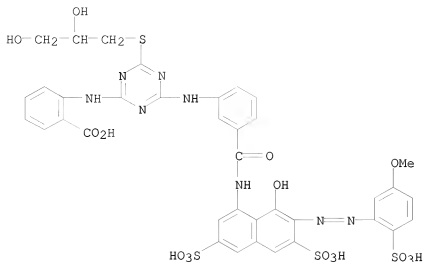
RN 861217-80-3 CAPLUS

CN Benzoic acid, 2-[[4-[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



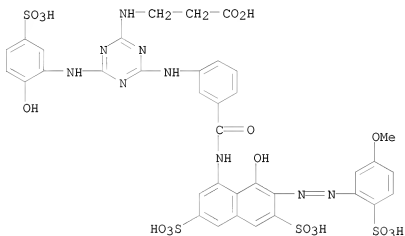
RN 861217-81-4 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[[3-[[[8-hydroxy-7-[2-(5-methoxy-2-sulfophenyl)diazenyl]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



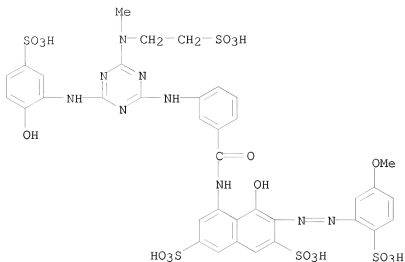
RN 861217-83-6 CAPLUS

CN β -Alanine, N-[4-[[3-[[[8-hydroxy-7-[(5-methoxy-2-sulfophenyl)azo]-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]]- (9CI) (CA INDEX NAME)

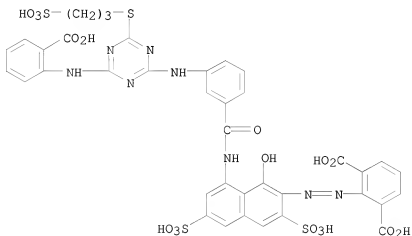


RN 861217-84-7 CAPLUS

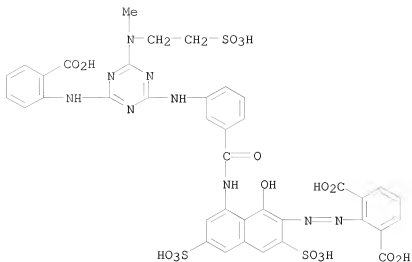
CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[[3-[[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[(methyl(2-sulfoethyl)amino)-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(5-methoxy-2-sulfophenyl)diazenyl]]- (CA INDEX NAME)



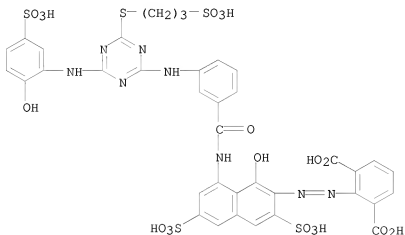
RN 861217-85-8 CAPLUS
 CN 1,3-Benzenedicarboxylic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



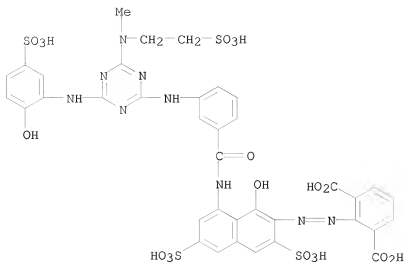
RN 861217-86-9 CAPLUS
 CN 1,3-Benzenedicarboxylic acid, 2-[2-[8-[[3-[[4-[(2-carboxyphenyl)amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



RN 861217-87-0 CAPLUS
 CN 1,3-Benzenedicarboxylic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulphophenyl)amino]-6-[(3-sulfoethyl)thio]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)

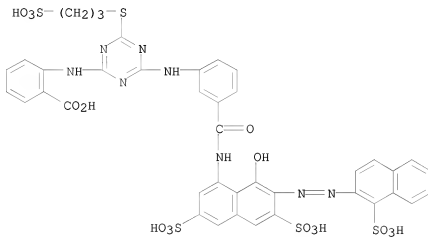


RN 861217-88-1 CAPLUS
 CN 1,3-Benzenedicarboxylic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulphophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



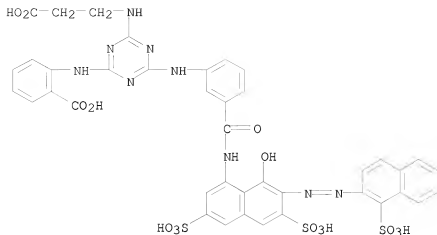
RN 861217-89-2 CAPLUS

CN Benzoic acid, 2-[[[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



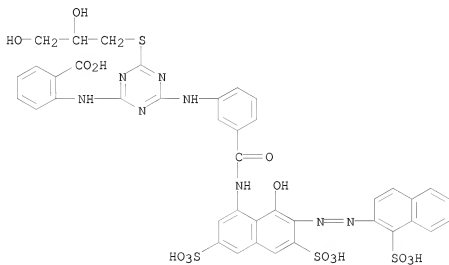
RN 861217-90-5 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



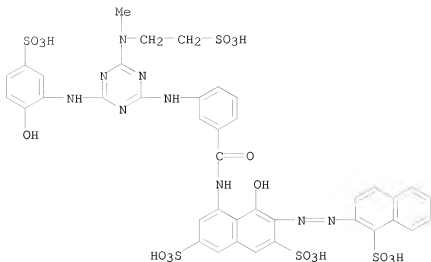
RN 861217-91-6 CAPLUS

CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[8-hydroxy-3,6-disulfo-7-[2-(1-sulfo-2-naphthalenyl)diazenyl]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

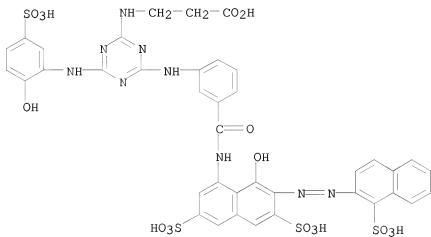


RN 861217-93-8 CAPLUS

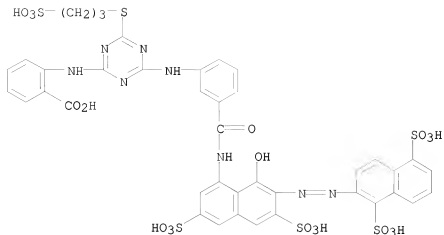
CN 2,7-Naphthalenedisulfonic acid, 4-hydroxy-5-[[3-[[[4-(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[2-(1-sulfo-2-naphthalenyl)diazenyl]- (CA INDEX NAME)



RN 861217-94-9 CAPLUS
 CN β -Alanine, N-[4-[[3-[[[8-hydroxy-3,6-disulfo-7-[(1-sulfo-2-naphthalenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulphophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)

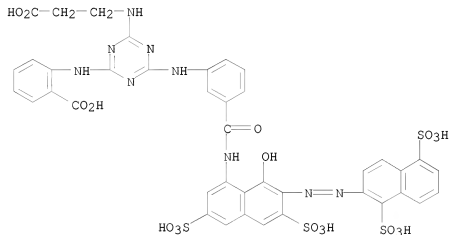


RN 861217-95-0 CAPLUS
 CN Benzoic acid, 2-[[4-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(3-sulfopropyl)thio]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



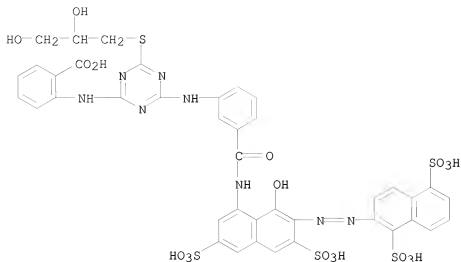
RN 861217-99-4 CAPLUS

CN Benzoic acid, 2-[[4-[(2-carboxyethyl)amino]-6-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)

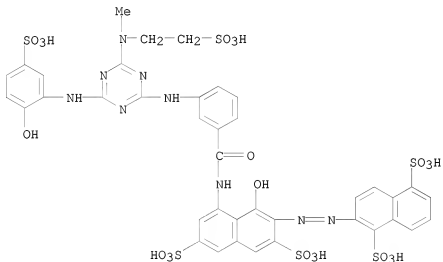


RN 861218-00-0 CAPLUS

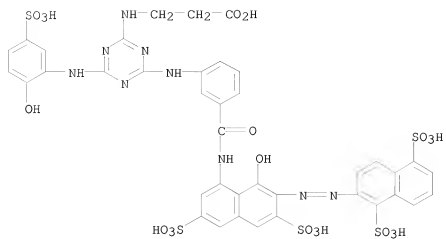
CN Benzoic acid, 2-[[4-[(2,3-dihydroxypropyl)thio]-6-[[3-[[[7-[2-(1,5-disulfo-2-naphthalenyl)diazenyl]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (CA INDEX NAME)



RN 861218-01-1 CAPLUS
 CN 1,5-Naphthalenedisulfonic acid, 2-[2-[1-hydroxy-8-[[3-[[4-[(2-hydroxy-5-sulfophenyl)amino]-6-[methyl(2-sulfoethyl)amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3,6-disulfo-2-naphthalenyl]diazenyl]- (CA INDEX NAME)



RN 861218-02-2 CAPLUS
 CN β-Alanine, N-[4-[[3-[[[7-[(1,5-disulfo-2-naphthalenyl)azo]-8-hydroxy-3,6-disulfo-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[(2-hydroxy-5-sulfophenyl)amino]-1,3,5-triazin-2-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

7

THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1988:188429 CAPLUS
DOCUMENT NUMBER: 108:188429
ORIGINAL REFERENCE NO.: 108:30961a,30964a
TITLE: Monoazo dyes containing triazinyl, sulfonic acid, and basic groups
INVENTOR(S): Pedrazzi, Reinhard
PATENT ASSIGNEE(S): Sandoz A.-G., Switz.
SOURCE: Brit. UK Pat. Appl., 23 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2191210	A	19871209	GB 1987-13016	19870603
GB 2191210	B	19900516		
CH 672923	A5	19900115	CH 1987-2083	19870602
FR 2599747	A1	19871211	FR 1987-7868	19870604
FR 2599747	B1	19881110		
JP 62292860	A	19871219	JP 1987-140126	19870605
JP 2525813	B2	19960821		
US 4875903	A	19891024	US 1987-58434	19870605
PRIORITY APPLN. INFO.:			DE 1986-3619198	A 19860607

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I [R1 = H, (un)substituted C1-4 alkyl; X1, X3 = halogen, OH, NH2, C1-4 alkyl, C1-4 alkoxy, Ph, PhO, aliphatic amino, cycloaliph. amino, aromatic amino, heterocyclic amino; X2, X4 = aliphatic amino, cycloaliph. amino, aromatic amino, heterocyclic amino; m = 0, 1; n1, n2 = 0, 1 such that n1 + n2 = 1 or 2] are prepared and are useful for dyeing or printing of HO group or N-containing organic substrates or leather or for the manufacture of inks.

Thus, 2,4-bis(3-N,N-diethylaminopropylamino)-6-chlorotriazine (II) was condensed with 1,4-(H2N)2C6H3SO3H-2, the condensate diazotized and coupled with the condensation product of II and 1-(3-aminobenziaido)-8-hydroxy-3,6-naphthalenedisulfonic acid to give III, which was very soluble in acid to weakly alkaline aqueous media and which, in acid addition salt form, dyed paper in a

fast, brilliant violet shade.

IT 114192-38-0P

RL: PREP (Preparation)
(manufacture of, as violet dye for paper)

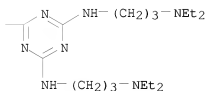
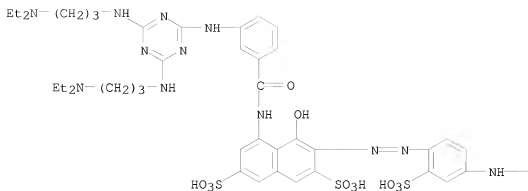
RN 114192-38-0 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[[3-[[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy-, monoformate (salt) (9CI) (CA INDEX NAME)

CM 1

CRN 113722-68-2

CMF C57 H85 N19 O11 S3



CM 2

CRN 64-18-6

CMF C H2 O2

O=CH-OH

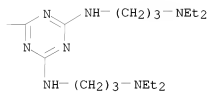
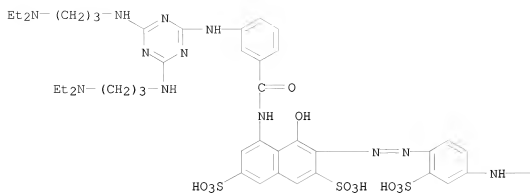
IT 113722-68-2P

RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)

(preparation and neutralization of, with acids, as violet dye for paper)

RN 113722-68-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[[3-[[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[[4,6-bis[[3-(diethylamino)propyl]amino]-1,3,5-triazin-2-yl]amino]-2-sulfonylphenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1988:152143 CAPLUS
DOCUMENT NUMBER: 108:152143
ORIGINAL REFERENCE NO.: 108:24984h, 24985a
TITLE: Triazine-containing monoazo dyes for paper, leather,
or textiles
INVENTOR(S): Pedrazzi, Reinhard
PATENT ASSIGNEE(S): Sandoz-Patent-G.m.b.H., Fed. Rep. Ger.
SOURCE: Ger. Offen., 24 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3717869	A1	19871210	DE 1987-3717869	19870527
CH 672923	A5	19900115	CH 1987-2083	19870602
FR 2599747	A1	19871211	FR 1987-7868	19870604
FR 2599747	B1	19881110		
JP 62292860	A	19871219	JP 1987-140126	19870605
JP 2525813	B2	19960821		
US 4875903	A	19891024	US 1987-58434	19870605
PRIORITY APPLN. INFO.:			DE 1986-3619198	A1 19860607
OTHER SOURCE(S):	CASREACT	108:152143		

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

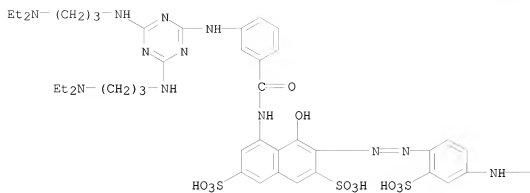
AB The title compds. I [R1 = H, (un)substituted C1-4 alkyl; X1, X3 = halogen, OH, NH2, alkyl, alkoxy, Ph, PhO or X1, X2 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; X2, X4 = aliphatic, cycloaliph., aromatic, and heterocyclic amino all of which can form (quaternary) ammonium group; m = 0, 1; n, p = 0, 1; such that n + p = 1 or 2], useful for the manufacture of inks, for the dyeing of glass or glass products, and for the dyeing or printing of paper, leather, or textile materials, are prepared Thus, 2,4-bis[3-(N,N-diethylamino)propylamino]-6-chlorotriazine (II) was condensed with 1,4-diamino-2-benzenesulfonic acid, the intermediate diazotized and coupled with the condensate formed from II and 1-(3-aminobenzoylamino)-8-hydroxy-3,6-naphthalenedisulfonic acid, forming III, which dyed paper in a brilliant, fast violet shade.

IT 113722-68-2P
RL: PREP (Preparation)
(manufacture of, as violet dye)

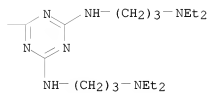
RN 113722-68-2 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[[3-[[4,6-bis[[3-(diethylamino)propylamino]-1,3,5-triazin-2-yl]amino]benzoyl]amino]-3-[[4-[[4,6-bis[[3-(diethylamino)propylamino]-1,3,5-triazin-2-yl]amino]-2-sulfophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

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L4 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 1987:157966 CAPLUS
DOCUMENT NUMBER: 106:157966
ORIGINAL REFERENCE NO.: 106:25718h,25719a
TITLE: Reactive disazo dyes
INVENTOR(S): Hibara, Toshio
PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 61272270	A	19861202	JP 1985-113197	19850528
PRIORITY APPLN. INFO:			JP 1985-113197	19850528

GI

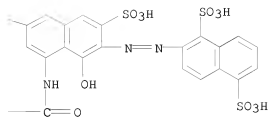
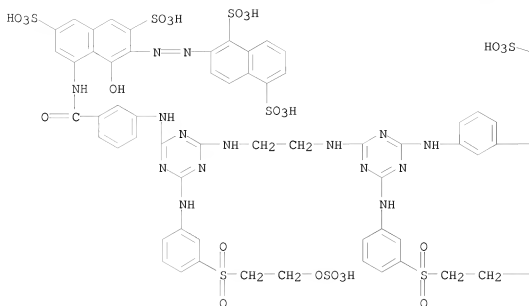
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The title compds. I (R = benzene or naphthalene moiety; R1 = H, alkyl; R2, R3 = H, alkyl, alkoxy, halo, SO3H; Z = aromatic or aliphatic group; M = H, alkali metal), useful for 1-step dyeing of cellulose-polyester fiber blends, are prepared II was condensed with 1,4-(H2N)2C6H4 followed by reaction with 3-H2NC6H4SO2(CH2)2OSO3H forming III (Z1 = p-C6H4), λ_{\max} (H2O) 517 nm, which was used for dyeing a cotton-polyester blend in one bath with anthraquinone dyes.

IT 107881-50-5P 107881-55-0P 107881-56-1P
107881-62-9P 107900-66-3P
RL: PREP (Preparation)
(manufacture of, as reactive dye for cotton-polyester blends)

RN 107881-50-5 CAPLUS

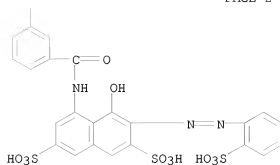
CN 1,5-Naphthalenedisulfonic acid, 2,2'-[1,2-ethanediylbis(imino[6-[[3-[(2-(sulfooxy)ethyl)sulfonyl]phenyl]amino)-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis-(9CI) (CA INDEX NAME)



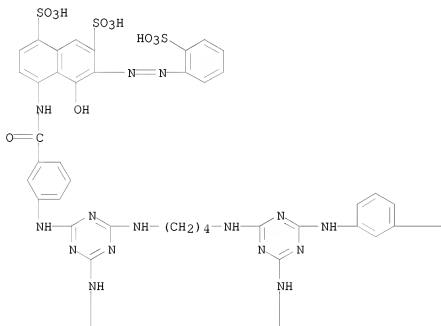
— OSO₃H

RN 107881-55-0 CAPLUS

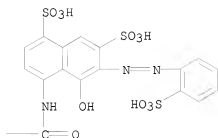
CN Benzoic acid, 3,5-bis[[4-[[[3-[[[8-hydroxy-3,6-disulfo-7-[(2-sulfoxyphenyl)azo]-1-naphthalenyl]amino]carbonyl]phenyl]amino]-6-[[4-[[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazin-2-yl]amino]- (9CI)
(CA INDEX NAME)



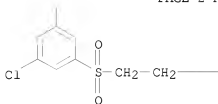
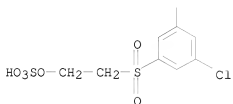
RN 107881-56-1 CAPLUS
 CN 1,7-Naphthalenedisulfonic acid, 4,4'-[1,4-butanediylbis(imino[6-[[3-chloro-5-[[2-(sulfoxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino]-3,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(2-sulfophenyl)azo]- (9CI) (CA INDEX NAME)



PAGE 1-B



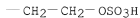
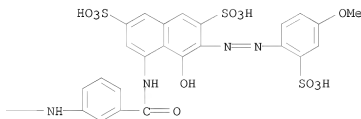
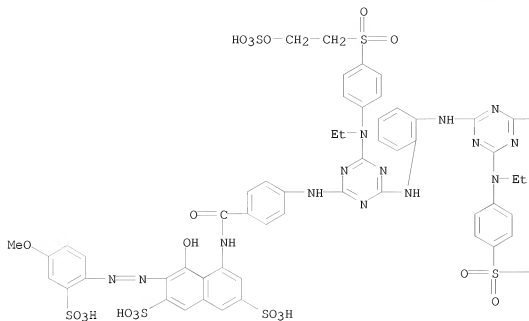
PAGE 2-A



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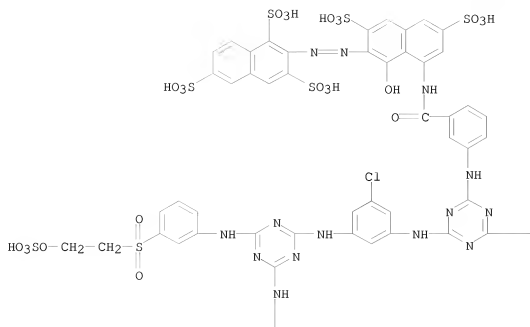
— OSO₃H

RN 107881-62-9 CAPLUS
 CN 2,7-Naphthalenedisulfonic acid, 4,4'-[1,2-phenylenebis(imino[6-[ethyl[4-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino)-3,1-phenylenecarbonylimino]]bis[5-hydroxy-6-[(4-methoxy-2-sulfophenyl)azo]]-9CI (CA INDEX NAME)

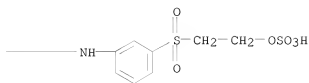


RN 107900-66-3 CAPLUS
 CN 1,3,6-Naphthalenetrisulfonic acid, 2,2'-[[(5-chloro-1,3-phenylene)bis[imino[6-[[[3-[[2-(sulfooxy)ethyl]sulfonyl]phenyl]amino]-1,3,5-triazine-4,2-diyl]imino-3,1-phenylenecarbonylimino(8-hydroxy-3,6-disulfo-1,7-naphthalenediyl)azo]]bis- (9CI) (CA INDEX NAME)

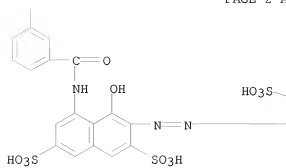
PAGE 1-A



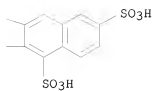
PAGE 1-B



PAGE 2-A



PAGE 2-B



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FILE 'REGISTRY' ENTERED AT 11:52:28 ON 03 SEP 2008

L1 STRUCTURE UPLOADED

L2 8 S L1

L3 104 S L1 FULL

FILE 'CAPLUS' ENTERED AT 11:53:04 ON 03 SEP 2008

L4 4 S L3 FULL

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

23.72

202.29

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-3.20

-3.20

STN INTERNATIONAL LOGOFF AT 11:55:34 ON 03 SEP 2008